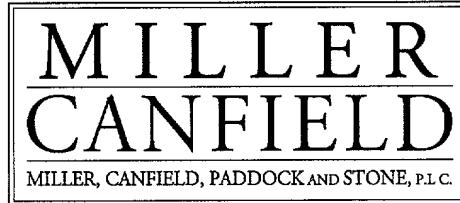


02/12/02

Founded in 1852  
by Sidney Davy Miller



**ROBERT KELLEY ROTH**  
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02-12-02  
A  
MICHIGAN: Ann Arbor  
Detroit • Grand Rapids  
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New York, N.Y.  
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February 12, 2002

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Re: Inventors: Aaron T. Crumm and John W. Halloran  
Express Mail No.: ET945458762US  
Our Reference No.: 112860-00002  
Title: Improved Solid State Electrochemical Devices

Dear Sir:

Enclosed for filing please find:

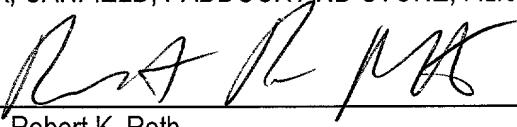
- 1) Specification (28 sheets);
- 2) Submission of Drawings (2 sheets);
- 3) Assignment;
- 4) Recordation Form Cover Sheet;
- 5) Declaration and Power of Attorney;
- 6) Fee Transmittal Form and checks in the amount of \$410.00 and \$222.00;
- 7) Information Disclosure Statement with cited references; and
- 8) Certificate of Filing by Express Mail.

We are also enclosing a post card receipt which we ask that you return to us acknowledging the date of receipt and the assigned serial number.

Very truly yours,

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

By:

  
Robert K. Roth

Reg. No. 36,660

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

## for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

632.00

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Aaron T. Crumm
Examiner Name	
Group Art Unit	
Attorney Docket No.	112860-2

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity
--------------	--------------

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee Description
---------------	----------	---------------	-----------------

## Fee Paid

101	740	201	370	Utility filing fee	<input type="text" value="370.00"/>
106	330	206	165	Design filing fee	<input type="text"/>
107	510	207	255	Plant filing fee	<input type="text"/>
108	740	208	370	Reissue filing fee	<input type="text"/>
114	160	214	80	Provisional filing fee	<input type="text"/>

SUBTOTAL (1) (\$)

370.00

## 2. EXTRA CLAIM FEES

## Extra Claims

## Fee from below

## Fee Paid

Total Claims	29	-20** =	9	$9 \times 20.00 =$	<input type="text" value="180.00"/>
Independent Claims	4	-3** =	1	$1 \times 42.00 =$	<input type="text" value="42.00"/>
Multiple Dependent					<input type="text"/>

## Large Entity

## Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee Description
---------------	----------	---------------	-----------------

103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

222.00

\*\*or number previously paid, if greater; For Reissues, see above

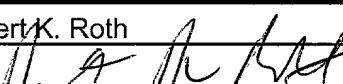
## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65		Surcharge - late filing fee or oath	<input type="text"/>
127	50	227	25		Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139	130	139	130		Non-English specification	<input type="text"/>
147	2,520	147	2,520		For filing a request for ex parte reexamination	<input type="text"/>
112	920*	112	920*		Requesting publication of SIR prior to Examiner action	<input type="text"/>
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action	<input type="text"/>
115	110	215	55		Extension for reply within first month	<input type="text"/>
116	400	216	200		Extension for reply within second month	<input type="text"/>
117	920	217	460		Extension for reply within third month	<input type="text"/>
118	1,440	218	720		Extension for reply within fourth month	<input type="text"/>
128	1,960	228	980		Extension for reply within fifth month	<input type="text"/>
119	320	219	160		Notice of Appeal	<input type="text"/>
120	320	220	160		Filing a brief in support of an appeal	<input type="text"/>
121	280	221	140		Request for oral hearing	<input type="text"/>
138	1,510	138	1,510		Petition to institute a public use proceeding	<input type="text"/>
140	110	240	55		Petition to revive - unavoidable	<input type="text"/>
141	1,280	241	640		Petition to revive - unintentional	<input type="text"/>
142	1,280	242	640		Utility issue fee (or reissue)	<input type="text"/>
143	460	243	230		Design issue fee	<input type="text"/>
144	620	244	310		Plant issue fee	<input type="text"/>
122	130	122	130		Petitions to the Commissioner	<input type="text"/>
123	50	123	50		Processing fee under 37 CFR 1.17(q)	<input type="text"/>
126	180	126	180		Submission of Information Disclosure Stmt	<input type="text"/>
581	40	581	40		Recording each patent assignment per property (times number of properties)	<input type="text" value="40.00"/>
146	740	246	370		Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
149	740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
179	740	279	370		Request for Continued Examination (RCE)	<input type="text"/>
169	900	169	900		Request for expedited examination of a design application	<input type="text"/>
Other fee (specify) _____						<input type="text"/>
*Reduced by Basic Filing Fee Paid						<input type="text" value="40.00"/>

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Robert K. Roth	Registration No. (Attorney/Agent)	36,660	Telephone	(313) 963-6420
Signature				Date	2/12/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.**

-2-

February 12, 2002

**CERTIFICATE OF FILING BY MAILING**

This is to certify that the following documents were mailed by U.S. Postal Service Express Mail, Reference No. ET945458762US to Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on February 12, 2002:

- 1) Specification (twenty eight sheets);
- 2) Submission of Drawing (two sheets);
- 3) Assignment;
- 4) Recordation Form Cover Sheet;
- 5) Declaration and Power of Attorney;
- 6) Fee Transmittal Form and checks in the amount of \$410.00 and \$222.00;
- 7) Information Disclosure Statement with cite references; and
- 8) This Certificate of Filing by Mailing.

MILLER, CANFIELD, PADDOCK AND STONE, P.L.C.

By: 

Chris Roy

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